

Application No. 09/770,767
Amendment "A" dated February 7, 2005
Reply to Office Action mailed December 16, 2004

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-93. (Cancelled)

94. (Currently Amended) A method of generating a compressed video stream, comprising:

generating a plurality of display commands which represents a display, by a program;

modifying at least one of said display commands, independently of said program in such a way that the modified display command will be easier to compress than the display command prior to being modified; and

generating a compressed video stream utilizing said display commands and said modified display command.

95. (Previously Presented) A method according to claim 94, wherein said modifying comprises modifying said commands to responsive to limitations of a display device on which said compressed video stream is to be displayed.

96. (Previously Presented) A method according to claim 94, wherein modifying comprises modifying said commands to reduce bandwidth requirements of said compressed video stream.

97. (Previously Presented) A method according to claim 94, wherein modifying comprises modifying said commands to reduce resource requirements for compressing said compressed video stream.

Application No. 09/770,767
Amendment "A" dated February 7, 2005
Reply to Office Action mailed December 15, 2004

98. (Previously Presented) A method according to claim 94, wherein at least one of said display commands represents an object and wherein said modifying comprises changing said at least one display command such that the object is moved relative to its original display position.

99. (Previously Presented) A method according to claim 98, wherein said compressed video stream comprises utilizes blocks having boundaries and wherein moving comprises moving said object to match at least one compression block boundary.

100. (Previously Presented) A method according to claim 94, wherein at least one of said display commands represents an object and wherein said modifying comprises replacing said object with a different object.

101. (Previously Presented) A method according to claim 100, wherein replacing said object comprises replacing said object with a compressed representation of said different object.

102. (Previously Presented) A method according to claim 100, wherein said object comprises a text object.

103. (Previously Presented) A method according to claim 100, wherein said object comprises a background of said display.

104. (Previously Presented) A method according to claim 100, comprising analyzing said object to determine a closest suitable replacement object.

105. (Previously Presented) A method according to claim 94, wherein modifying said object comprises changing a font definition for said object.

106. (Previously Presented) A method according to claim 94, wherein modifying said object comprises modifying at least one color of said object.

Application No. 09/770,767
Amendment "A" dated February 7, 2005
Reply to Office Action mailed December 16, 2004

107. (Previously Presented) A method according to claim 106, wherein modifying a color comprises reducing a spatial resolution of said colors.

108. (Previously Presented) A method according to claim 106, wherein modifying a color comprises reducing a color range resolution of said colors.

109. (Previously Presented) A method according to claim 94, wherein modifying said object comprises reducing a spatial resolution of said object.

110. (Previously Presented) A method according to claim 94, wherein at least one of said display commands comprises a scrolling command and wherein said modifying comprises increasing a granularity of said scrolling.

111. (Previously Presented) A method according to claim 110, wherein said increasing a granularity comprises limiting said scrolling command to multiples of compression blocks size of said compressed stream.

112-127. (Cancelled)

Application No. 09/770,767
Amendment "A" dated February 7, 2005
Reply to Office Action mailed December 16, 2004

128. (Currently Amended) A method of generating a compressed video stream, comprising:

executing a program, which program generates a set of display commands, representative of a display;

identifying changes in said display which are responsive to at least one type of user command;

determining whether said changes warrant an update to an image; and

upon determining said changes do warrant an update, processing said changes and

converting said display commands into a compressed video stream, wherein said changes are inserted into said compressed video stream at a higher frame rate than other changes in said display.

129. (Previously Presented) A method according to claim 128, wherein said type of user command comprises a pointing device command.

130. (Previously Presented) A method according to claim 128, wherein said changes comprises an indication of a selection of a GUI (graphical user interface) element.

131. (Previously Presented) A method according to claim 128, comprising analyzing said user command to determine display commands which effect said identified changes.

132. (New) A method as recited in claim 94, wherein the compressed video stream is generated without first generating a display raster of the display commands.

133. (New) A method as recited in claim 128, wherein the display commands are converted into the compressed video stream without first generating a display raster of the display commands.